

### **Amendments to the Specification**

Please replace the first paragraph on page 4 (lines 1-4), also identified as paragraph [0013], with the following amended paragraph:

According to the invention, a method for producing a single-piece elementary heat exchanger, which is very efficient ~~efficient~~, of limited bulk, small weight, low production costs and, generally, intrinsically stable is characterized in that it comprises the following steps:

Please replace the paragraph on page 4 at lines 29-31, also identified as paragraph [0019], with the following amended paragraph:

According to the invention, a single-piece elementary heat exchanger which is very efficient ~~efficient~~, of limited bulk, small weight, low production cost and, generally, intrinsically stable, is characterized in that:

Please replace the paragraph spanning page 18, line 27 to page 19, line 20, also identified as paragraph [0089], with the following amended paragraph (reference numbers “24-26” are deleted in one location):

FIG. 6 represents the enlargement of two things, (1) a front view of a longitudinal half of the embossed wall of a hollow elongated plate 22 of an actual elementary heat exchanger and (2) a similar front view of the embossed flank of the grooves 62 of a real half-mold, which can be used for the production of preforms of this exchanger. In both cases, the embossed walls of the preform or of the grooves of the half-mold used for its production comprise an alternating succession of hollows 120 and humps 122, in the shape of roofs with four pitches, two in the shape of a trapezoid 124-126 and two in the shape of isosceles triangles 128-130. The depth of a hollow 120 and the height of a hump 122 are each 2.5 mm for example. The indices b and c, given to the references of these of these four pitches, respectively identify their humps and hollows, represented shaded. The section half-planes AA' or BB' mentioned above cross at their mid point, the hollowed-out trapezoids 124c and 126c or the humped trapezoids 124b and 126b. The joining lines of the trapezoids 124 and 126 are numbered 121 and 123 depending on whether these trapezoids belong to hollows or humps. It will be noted that each of two embossed flanks 33-35 of a real preform or of those 68a-b of a groove 62 of a real half-mold comprises an

alternating sequence of hollows and humps facing an alternating sequence of humps and hollows. The dotted lines 129 are represented symbolically to distinguish the two coplanar pitches 128b and 130c or 130b and 128c which belong respectively to a hump or to a hollow, each dotted line being the large diagonal of a rhombus. The cutting plane CC' mentioned above follows these lines 129. The narrow rectangles 132 and 134, which appear at the two ends of the succession of hollows and humps 120-122 are flat zones connecting the central part (1) of the hollow plates 22 and their end connectors [[24-26]] in the case of the exchangers or (2) the grooves 62 of the half-mold with their ends in portions of frustra 67a-b and 69a-b. The edges 136 and 138 represented in FIG. 6 are the tip lines 36 or bottom lines 38 of the preforms 32.